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January 19, 2018

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U.S. EPA, Region VIII

Enforcement, Compliance and Environmental Justice

Compliance & Environmental Justice

1595 Wynkoop Street

Denver, CO 80202-1129

RE: 40 CFR 60 - Subpart OOOOa; Annual Report

Denbury Onshore, LLC

Reporting Period: 8/2/2017 to 12/31/2017

On behalf of Denbury Onshore, LLC (Denbury), and in accordance with 40 CFR 60.5420a, please find enclosed the corresponding report for the affected sources located in North Dakota for the referenced owner/operator. This report covers the time period of 8/2/2017 to12/31/2017.

If any additional information regarding this matter is required, please contact me at 972-673-2132. All written correspondence should be directed to my attention at: **Denbury Onshore**, **LLC**, **5320 Legacy Drive**, **Plano**, **TX 75024**.

Sincerely,

DENBURY ONSHORE, LLC

Kevin Hendricks

Enclosures

xc: North Dakota Department of Health - Jim Semerad - jsemerad@nd.gov

## 40 CFR 60 - SUBPART OOOOa; ANNUAL REPORT

| Reporting Period:                                 | 8/2/2017                       | to                       | 12/31/2017              | _                                                        |  |  |  |  |
|---------------------------------------------------|--------------------------------|--------------------------|-------------------------|----------------------------------------------------------|--|--|--|--|
|                                                   |                                | General I                | nformation              |                                                          |  |  |  |  |
| Company Name: De                                  | nbury Onshore, LLC             |                          |                         |                                                          |  |  |  |  |
|                                                   |                                | Mailing                  | Address                 |                                                          |  |  |  |  |
| Street: 5320 Legacy                               | Drive                          |                          |                         |                                                          |  |  |  |  |
| City: Plano                                       |                                |                          |                         |                                                          |  |  |  |  |
| State: TX                                         |                                |                          |                         | <b>Zip Code:</b> 75024                                   |  |  |  |  |
|                                                   |                                | Responsi                 | ble Official            | 品的是一个表现的。<br>第15章                                        |  |  |  |  |
| Name:                                             | 7                              |                          |                         | Title:                                                   |  |  |  |  |
| Email:                                            |                                |                          |                         | Phone:                                                   |  |  |  |  |
|                                                   |                                | Technico                 | al Contact              |                                                          |  |  |  |  |
| Name: Kevin Hendri                                | cks                            |                          |                         | Title: Environmental Compliance Coordinator              |  |  |  |  |
| Email: Kevin.Hendri                               | cks@denbury.com                |                          |                         | Phone: 972-673-2529                                      |  |  |  |  |
|                                                   | Affected Facilities            |                          |                         | Included in this report?                                 |  |  |  |  |
|                                                   | Wells                          |                          |                         | NO                                                       |  |  |  |  |
|                                                   | Centrifugal Compresso          |                          | NO                      |                                                          |  |  |  |  |
|                                                   | Reciprocating Compress         | sors                     |                         | NO                                                       |  |  |  |  |
|                                                   | Continuous Bleed Pneumatic C   | Controllers              |                         | NO                                                       |  |  |  |  |
|                                                   | Storage Vessels                |                          |                         | NO                                                       |  |  |  |  |
|                                                   | Pneumatic Pumps                |                          |                         | NO                                                       |  |  |  |  |
| Collection of Fugiti                              | ve Emissions Components at a   | Well Site/Compressor Sta | tion                    | YES                                                      |  |  |  |  |
| Certification  I hereby certify that, bacomplete. | ised on information and belief | formed after reasonable  | inquiry, the statements | and information in this document are true, accurate, and |  |  |  |  |
| Nikulas                                           | Wood                           |                          |                         | V1 North Region                                          |  |  |  |  |
|                                                   | Name of Responsible Offici     | al                       | _                       | Title                                                    |  |  |  |  |
| 0)                                                | 2 wood                         |                          |                         | 1-29-18                                                  |  |  |  |  |
|                                                   | Signature of Responsible Offi  |                          | Date Signed             |                                                          |  |  |  |  |

40 CFR Part 60 - Standards of Performance for Crude OII and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60,5410a|b| Annual Report For each affected facility, an owner or operator must include the information specified in paragraphs (b)(1)() through (iv) of this section in all annual reports:

The acterisk (\*) post to each field indicates that the corresponding field is required.

|                                                                              |                                       |                                            |                                                                                                                   | SITE INFORMATION                                          |                 |                |                  | _                       |             |                                                                  | ALTERNATIVE ADDRESS INFORM                                                                                                        | NATION OF NO PHYSICAL ADDRESS                                                                                             | AVAILABLE FOR SITE *)                                                                                                         | REPORTING I                                                      | NFORMATION                                                      | PE Certification                                                                                                                                                                                                                            | ADDITION                       | AL INFORMATION                                       |
|------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------|----------------|------------------|-------------------------|-------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------|
| (Field value will<br>automatically<br>enerate if a value<br>is not entered.) | Company Hame * (\$60.5420=(b)(1)(i))) | Facility Site Name * (\$60.5420a(b)(1)(i)) | US Well ID or US Well<br>ID Associated with the<br>Affected Facility, if<br>applicable. *<br>(\$60.5420a(b)(1)(i) | Address of Affected<br>Facility *<br>(\$60.5420e(b)(1)(i) | Address 2       | City*          | County*          | State<br>Abbreviation * | Zip Code *  | Responsible Agency<br>Facility ID (State<br>Facility Identifier) | Description of Site Location<br>(§60.5420e(b)(1)(0))                                                                              | Latitude of the Site (decimal<br>degrees to 5 decimals using the<br>North American Datum of 1983)<br>(\$60.5420a(b)(1)(i) | Longitude of the Site<br>(decimal degrees to 5<br>decimals using the North<br>American Datum of 1983)<br>(360,5420a(b)(1)(f)) | Beginning Date of<br>Reporting Period.*<br>(§60.5420s(b)(1) ii)) | Ending Date of<br>Reporting Period.*<br>(\$60.5420a(b)(2)(iii)) | Please provide the file name that contains the certification signed by a qualified professional engineer for each closed veet system rouding to a control device or process, * (\$60.5420a(b)(22)) Please provide only one file per record. | any additional<br>information. | Enter associated fi<br>name reference.               |
|                                                                              | e g.: ABC Company                     | e.g.: XYZ Compressor<br>Station            | e.g.: 12-345-67890-12                                                                                             | e.g.: 123 Main Street                                     | e.g.; Suite 100 | e.g.: Brooklyn | e.g. Kings Count | e.g.: NY                | e.g.: 11221 |                                                                  | e.g. 7 miles NE of the intersection of<br>Hwy 123 and Hwy 456                                                                     | eg:34,1234\$                                                                                                              | eg:-101.12345                                                                                                                 | *g:01/01/2016                                                    | e.g.: 05/30/2016                                                | e.g.: Certification.pdf or<br>XY2CompressorStation.pdf                                                                                                                                                                                      |                                | e.g.: addlinfo.zip.or<br>XYZCompressorStatio<br>.odf |
| 1                                                                            | Denbury Onshore, LLC                  | Skull Creek CTB                            | N/A                                                                                                               |                                                           |                 |                | Bowman           | ND                      |             | CTB No. 413695                                                   | 1 miles SW of the intersection of<br>88th Ave W and 163rd Ave SW.<br>3.9 miles southwest of the<br>intersection of 88th Ave W and | 46,13501                                                                                                                  | -103,77669                                                                                                                    | 8/2/2017                                                         | 12/31/2017                                                      | ,                                                                                                                                                                                                                                           |                                |                                                      |
|                                                                              | Denbury Onshore, LLC                  | Egeland CTB                                | N/A                                                                                                               |                                                           |                 |                | Bowman           | ND                      |             | NDM 90784X                                                       | 163rd Ave SW.                                                                                                                     | 46.12207                                                                                                                  | -103.83505                                                                                                                    | 8/2/2017                                                         | 12/31/2017                                                      |                                                                                                                                                                                                                                             |                                |                                                      |
| 3                                                                            | Denbury Onshore, LLC                  | Erickson CTB                               | N/A                                                                                                               |                                                           |                 |                | Bowman           | ND                      |             | NDM 90784X                                                       | 1.1 miles west of the intersection of<br>163rd Ave SW and 88th St SW.                                                             | 46.14678                                                                                                                  | -103.78829                                                                                                                    | 8/2/2017                                                         | 12/31/2012                                                      | ,                                                                                                                                                                                                                                           |                                |                                                      |

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

The asterisk (\*) next to each field indicates that the corresponding field is required.

| Facility Record No. * (Select from dropdown list - may need to scroll up) | Identification of Each Affected<br>Facility * (§60.5420a(b)(1)) | Date of Survey * (§60.5420a(b)(7)(i)) | Survey Begin Time * (§60.5420a(b)(7)(ii)) | Survey End Time * (§60.5420a(b)(7)(ii)) | Name of Surveyor * (§60.5420a(b)(7)(iii)) | Ambient Temperature<br>Ouring Survey *<br>(§60.5420a(b)(7)(iv)) | Sky Conditions During<br>Survey *<br>(§60.5420a(b)(7)(iv)) | Maximum Wind<br>Speed During Survey *<br>(§60.5420a(b)(7)(lv)) |                                              | Deviations From Monitoring<br>Plan (If none, state none.) *<br>(§60.5420a(b)(7)(vi)) |
|---------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------|-------------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------|
|                                                                           | e.g.: Well Site ABC                                             | e.g.: 8/13/17                         | e.g.: 10:00 am                            | e.g.: 1:00 pm                           | e.g.: John Smith                          | e.g.: 90°F                                                      | e.g.: Sunny, no clouds                                     | e.g.: 2 mph                                                    | e.g.: Company ABC optical gas imaging camera | e.g.; None                                                                           |
| 1                                                                         | Skull Creek CTB                                                 | 8/15/2017                             | 08:55 AM                                  | 09:16 AM                                | Kyle Haag                                 | 61°F                                                            | Cloudy                                                     | 5 mph                                                          | FLIR GF320 44401642                          | None                                                                                 |
| 2                                                                         | Egeland CTB                                                     | 8/14/2017                             | 12:27 PM                                  | 02:18 PM                                | Kyle Haag                                 | 67*F                                                            | Mostly Cloudy                                              | 19 mph                                                         | FLIR GF320 44401642                          | None                                                                                 |
| . 2                                                                       | Egeland CTB                                                     | 8/15/2017                             | 09:33 AM                                  | 09:53 AM                                | Kyle Haag                                 | 62*F                                                            | Cloudy                                                     | 5 mph                                                          | FLIR GF320 44401642                          | None                                                                                 |
| 2                                                                         | Egeland CTB                                                     | 8/15/2017                             | 09:33 AM                                  | 09:53 AM                                | Kyle Haag                                 | 62*F                                                            | Cloudy                                                     | 5 mph                                                          | FLIR GF320 44401642                          | None                                                                                 |
| 3                                                                         | Erickson CTB                                                    | 8/14/2017                             | 09:22 AM                                  | 11:07 AM                                | Kyle Haag                                 | 64°F                                                            | Mostly Cloudy                                              | 25 mph                                                         | FLIR GF320 44401642                          | None                                                                                 |

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

The asterisk (\*) next to each field indicates that the corresponding field is required.

| Facility Record No. * (Select from dropdown list - may need to scroll up) | Identification of Each Affected<br>Facility * (\$60.5420a(b)(1)) | Date of Survey * (§60.5420a(b)(7)(i)) | Type of Component for which<br>Fugitive Emissions Detected *<br>(§60.5420a(b)(7)(vii)) | Number of Each Component Type<br>for which Fugitive Emissions<br>Detected *<br>(§60.5420a(b)(7)(vii)) | Type of Component Not<br>Repaired as Required in<br>§60.5397a(h) *<br>(§60.5420a(b)(7)(viii)) | Number of Each Component<br>Type Not Repaired as<br>Required in § 60.5397a(h) *<br>(§60.5420a(b)(7)(viii)) | Type of Difficult-to-<br>Monitor Components<br>Monitored *<br>(§60.5420a(b)(7)(ix)) | Number of Each Difficult-<br>to-Monitor Component<br>Type Monitored *<br>(§60.5420a(b)(7)(ix)) | Type of Unsafe-to-Monito<br>Component Monitored *<br>(§60.5420a(b)(7)(ix)) |
|---------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
|                                                                           | e.g.: Well Site ABC                                              | e.g.: 8/13/17                         | e.g.; Valve                                                                            | e.g.: 3                                                                                               | e.g.: Valve                                                                                   | e.g.:1                                                                                                     | e.g.: Valve                                                                         | e.g.:1                                                                                         | e.g.:Valve                                                                 |
| 1                                                                         | Skull Creek CTB                                                  | 8/15/2017                             | Connector                                                                              | 1                                                                                                     | N/A                                                                                           | 0                                                                                                          | N/A                                                                                 | 0                                                                                              | N/A                                                                        |
| 2                                                                         | Egeland CTB                                                      | 8/14/2017                             | Connector                                                                              | 1                                                                                                     | N/A                                                                                           | 0                                                                                                          | N/A                                                                                 | 0                                                                                              | N/A                                                                        |
| 2                                                                         | Egeland CTB                                                      | 8/15/2017                             | Thief Hatch                                                                            | 1                                                                                                     | N/A                                                                                           | 0                                                                                                          | N/A                                                                                 | 0                                                                                              | N/A                                                                        |
| 2                                                                         | Egeland CTB                                                      | 8/15/2017                             | Thief Hatch                                                                            | 1                                                                                                     | N/A                                                                                           | 0                                                                                                          | N/A                                                                                 | 0                                                                                              | N/A                                                                        |
| 3                                                                         | Erickson CTB                                                     | 8/14/2017                             | Connector                                                                              | 1                                                                                                     | N/A                                                                                           | 0                                                                                                          | N/A                                                                                 | 0                                                                                              | N/A                                                                        |

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

The asterisk (\*) next to each field indicates that the corresponding field is required.

| Facility Record No. * (Select from dropdown list - may need to scroll up) | Identification of Each Affected | Date of Survey * (§60.5420a(b)(7)(i)) | Number of Each Unsafe-to-<br>Monitor Component Type<br>Monitored *<br>(§60.5420a(b)(7)(ix)) | Date of Successful Repair of<br>Fugitive Emissions Component<br>(\$60.5420a(b)(7)(x)) | Type of Component<br>Placed on Delay of Repair<br>* (§60.5420a(b)(7)(xi)) | Number of Each<br>Component Type Placed<br>on Delay of Repair *<br>(§60.5420a(b)(7)(xi)) | Explanation for Delay of<br>Repair *<br>{§60.5420a(b)(7)(xi)} | Type of instrument Used to<br>Resurvey Repaired<br>Components Not Repaired<br>During Original Survey *<br>(§60.5420a(b)(7)(xii)) |
|---------------------------------------------------------------------------|---------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|                                                                           | e.g.: Well Site ABC             | e.g.: 8/13/17                         | e.g.:1                                                                                      | e.g.: 11/10/16                                                                        | e.g.; Valve                                                               | e.g.: 1                                                                                  | e.g.: Unsafe to repair until<br>next shutdown                 | e.g.: Company ABC optical gar<br>imaging camera                                                                                  |
|                                                                           | 1 Skull Creek CTB               | 8/15/2017                             | 0                                                                                           | 9/12/2017                                                                             | N/A                                                                       | 0                                                                                        | N/A                                                           | FLIR GF320 44401642                                                                                                              |
|                                                                           | 2 Egeland CTB                   | 8/14/2017                             | 0                                                                                           | 9/12/2017                                                                             | N/A                                                                       | 0                                                                                        | N/A                                                           | FLIR GF320 44401642                                                                                                              |
| -                                                                         | 2 Egeland CTB                   | 8/15/2017                             | 0                                                                                           | 9/12/2017                                                                             | N/A                                                                       | 0                                                                                        | N/A                                                           | FLIR GF320 44401642                                                                                                              |
|                                                                           | 2 Egeland CTB                   | 8/15/2017                             | 0                                                                                           | 9/12/2017                                                                             | N/A                                                                       | 0                                                                                        | N/A                                                           | FLIR GF320 44401642                                                                                                              |
|                                                                           | 3 Erickson CTB                  | 8/14/2017                             | 0                                                                                           | 8/14/2017                                                                             | N/A                                                                       | 0                                                                                        | N/A                                                           | FLIR GF320 44401642                                                                                                              |

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

|                                                                            |                                                                  |                                       | Compressor S                                                                                                                     | tation Affected Facility Only                                                       |                                                                                                                                                                      |
|----------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Facility Record No. * (Select from dropdown list - may need to scroil up ) | Identification of Each Affected<br>Facility * (\$60.5420a(b)(1)) | Date of Survey * (§60.5420a(b)(7)(i)) | Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))                                                                     | Was a monitoring survey<br>waived under §<br>60.5397a(g)(5)? *<br>(§60.5420a(b)(7)) | If a monitoring survey was waived, the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived. *  (§60.5420a(b)(7)) |
|                                                                            | e.g.: Well Site ABC                                              | e.g.: 8/13/17                         | e.g.: Trained thermographer; completed 40-hour course at<br>XYZ Training Center. Has 10 years of experience with OGI<br>surveys. | e.g.: Yes                                                                           | e.g.: January; February; and March                                                                                                                                   |
| 1                                                                          | Skull Creek CTB                                                  | 8/15/2017                             | Infrared training center certified thermographer; Has 4 months experience.                                                       | N/A                                                                                 | N/A                                                                                                                                                                  |
| 2                                                                          | Egeland CTB                                                      | 8/14/2017                             | Infrared training center certified thermographer; Has 4 months experience.                                                       | N/A                                                                                 | N/A                                                                                                                                                                  |
| 2                                                                          | Egeland CTB                                                      | 8/15/2017                             | Infrared training center certified thermographer; Has 4 months experience.                                                       | N/A                                                                                 | N/A                                                                                                                                                                  |
| 2                                                                          | Egeland CTB                                                      | 8/15/2017                             | Infrared training center certified thermographer; Has 4 months experience.                                                       | N/A                                                                                 | N/A                                                                                                                                                                  |
| 3                                                                          | Erickson CTB                                                     | 8/14/2017                             | Infrared training center certified thermographer; Has 4 months experience.                                                       | N/A                                                                                 | N/A                                                                                                                                                                  |